

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	calcipotriene and 568/828.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 09:55
L2	2	calcipotriene and "568".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 10:56
L3	519588	calcipotriene and cyclic ester and methyl formate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 10:56
L4	70510	calcipotriene and tetrahydrofuran and methyl formate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 10:57
L5	3587	calcipotriene and tetrahydrofuran and methyl formate and "568".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 10:57
L6	76	calcipotriene and tetrahydrofuran and methyl formate and 568/828.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 10:59

Monograph number: 01641

Title: Calcipotriene

CAS Registry Number: 112965-21-6

CAS Name: (1 α ,3 β ,5 Z ,7 E ,22 E ,24 S)-24-Cyclopropyl-9,10-secochola-5,7,10(19),22-tetraene-1,3,24-triol

Additional Names: (1 S ,1' E ,3 R ,5 Z ,7 E ,20 R)-9,10-seco-20-(3'-cyclopropyl-3'-hydroxyprop-1'-enyl)-1,3-dihydroxypregna-5,7,10(19)-triene ; calcipotriol

Manufacturers' Codes: MC-903

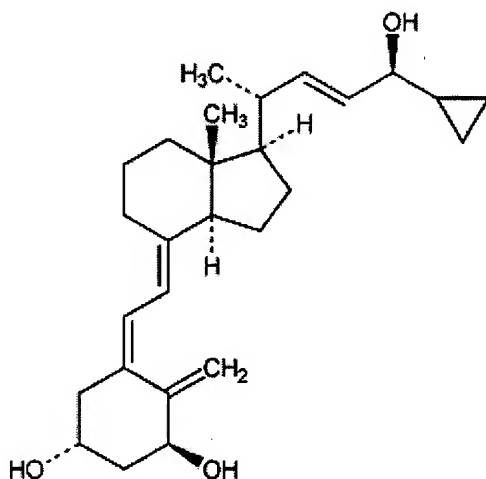
Trademarks: Daivonex (Leo Pharm) ; Dovonex (Westwood-Squibb); Psorcutan (Schering AG)

Molecular Formula: C₂₇H₄₀O₃

Molecular Weight: 412.60

Percent Composition: C 78.60%, H 9.77%, O 11.63%

Literature References: Vitamin D₃ analog with low calcemic activity. Prepn: M. J. Calverley, E. T. Binderup, WO 8700834; *eidem*, US 4866048 (1987, 1989 both to Leo Pharm.); M. J. Calverley, *Tetrahedron* **43**, 4609 (1987). Pharmacology: L. Binderup, E. Bramm, *Biochem. Pharmacol.* **37**, 889 (1988); P. J. Marie *et al.*, *Bone* **11**, 171 (1990). Receptor binding: T. Valaja *et al.*, *Biochem. Pharmacol.* **40**, 1827 (1990). Review of clinical trials in psoriasis: D. M. Ashcroft *et al.*, *Br. Med. J.* **320**, 963-967 (2000).



Properties: Crystals from methyl formate, mp 166-168°. uv max (96% ethanol): 264 nm (ϵ 17200).

Therapeutic Category: Antipsoriatic.

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